

CHAP 4 AIRFRAME SP 456 AL 10 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Left and Right Mainplanes Spar 4 Rib 7 Vertical Members - Cracking	AFSC 43151	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		
SPECIAL TOOLS AND EQUIPMENT		
Allen light probe kit, 5A/4310 containing:- Mirror, 1½ inch, 5A/4345579 Probe, flexible, 5A/9238375 Case, battery, 5A/4662049.		
<u>43151</u>		
<p>1. PREPARATION</p> <p>1.1 Mainplanes. Ensure defuelled.</p> <p>1.2 Access panel to No.4 D.C. fuel pump. Remove.</p> <p>NOTE: At item 2.1 where no crack is found no remedial action is required. The lengths and locations of all cracks found are to be reported (see NOTE below). Cracks are to be examined for propagation every 28 days and all instances reported.</p> <p>2. EXAMINATION</p> <p>2.1 Spar 4/Rib 7 junction, aft members Pt.Nos. EF3-20-225 (left) and EF3-20-226 (right) (MSL 010640 and 010738), (i) Examine for cracks, (see Fig.1). (ii) Measure lengths of cracks.</p> <p>NOTE: When replacing an aft vertical member as at item 3.1 examine the matching forward vertical member Pt. No. EF3-20-223 (left), EF3-20-224 (right). If a crack is found, retain the aircraft unserviceable, report the crack length and location and request advice.</p>		
Continued Overleaf		
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS		

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SHEET 2 OF 3

SERVICING PROCEDURE

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3. RECTIFICATION

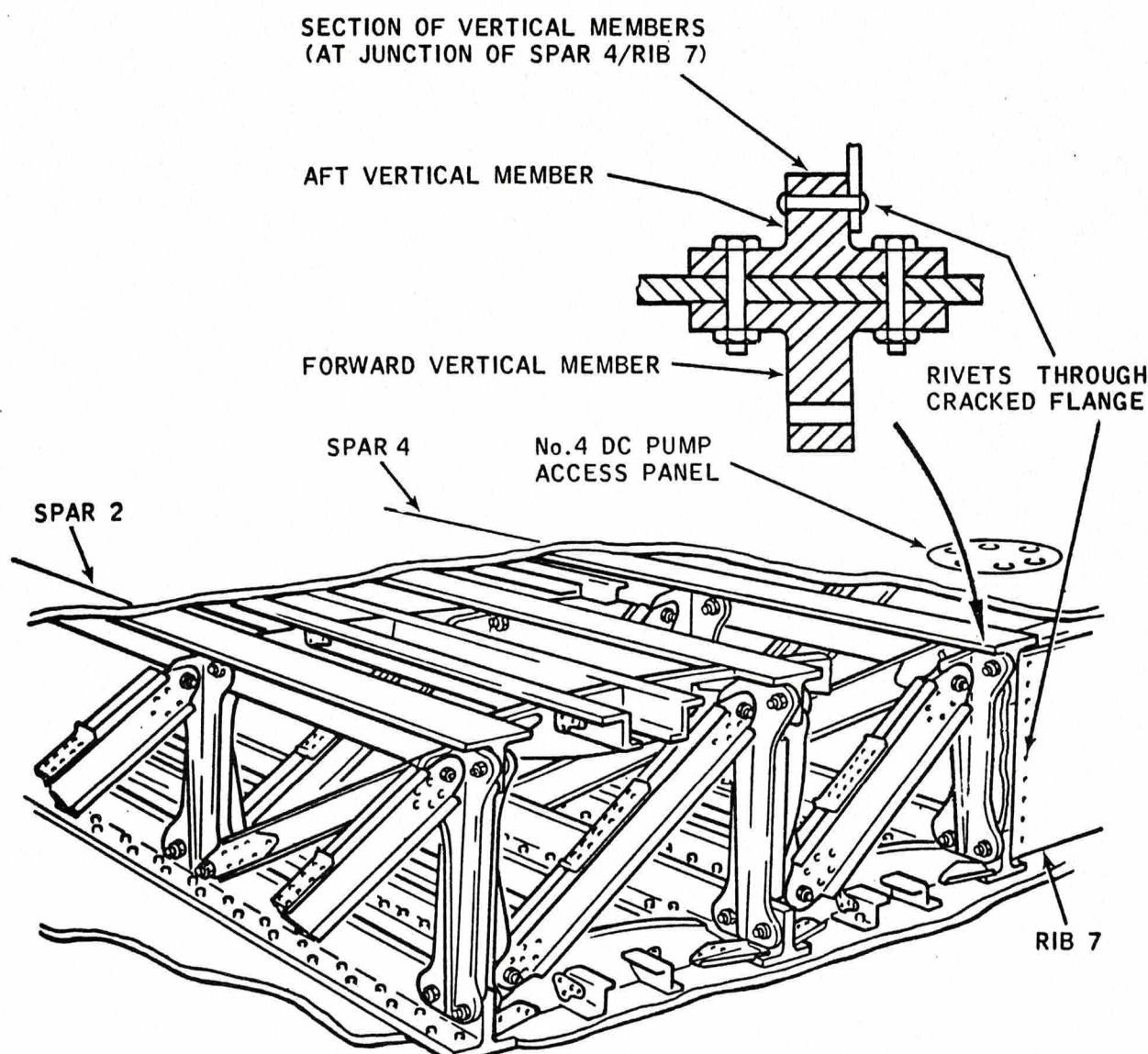
3.1 Aft vertical member with crack exceeding 3.0 inches in length (i) Replace.

NOTE 1: All reports to be made to the maintenance authority S.A.S.D. Warton. Quote aircraft tail number in every case.

NOTE 2: Where a replacement vertical member is fitted further compliance with this instruction is unnecessary.

Continued

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LEFT WING STRUCTURE, SPAR 4 RIB 7

FIGURE 1



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